

MEETINGS OF THE BIOLOGICAL CLUB.

ORTON HALL, Oct. 7, 1907.

On the above named date the Biological Club met in its usual place, with Prof. Griggs as chairman pro tem. The evening was devoted to reports on summer's work, Prof. Hine opening the program with an account of his trip through the western states and south into Mexico. This was followed by a brief account by Prof. Osborn on the proceedings of the International Zoological Congress which met this year in Boston. Mr. Jackson gave an account of his trip up the Tippecanoe River, Indiana.

Prof. Griggs was next in order with a talk on his work on Kelps at the Minnesota Seaside Station on Vancouver's Island.

Mr. S. Morgulis spoke of the advantages of the Biological Laboratory at Wood's Holl, Massachusetts. Mr. W. C. Morse reported finding a glaciated surface north-east of Hayden's Falls.

The following names were proposed for membership: Dr. Alfred Dachnowski, Messrs. S. Morgulis, H. H. Severin, H. C. Severin, E. M. Allen, Geo. W. Hood, E. B. Blakeslee, L. L. Scott, J. A. Zimmer, H. E. Evans, E. Kinney, M. F. Osborn, H. T. Osborn, R. J. Sim, Chalmers DePue.

The society directed the President to appoint a nominating committee to report at the next meeting, after which the club adjourned to meet the first Monday in November.

H. S. HAMMOND, Sec. pro tem.

ORTON HALL, Nov. 4, 1907.

On the above named date the Biological Club met in Orton Hall and after being called to order by President Hambleton the minutes of the previous meeting were read and, after corrections, approved. Then the President called for the report of the nominating committee composed of Prof. J. S. Hine, Miss Freda Detmers and Mr. W. C. Morse. The committee's report was adopted, consisting of the following names: For President, Prof. Geo. D. Hubbard; Vice President, Miss Stella Wilson; Secretary-Treasurer, Arthur H. McCray.

The address of the evening was given by the retiring President, Prof. J. C. Hambleton, who gave a very interesting and instructive account of a four years' residence on the island of Chiloe off the coast of Chili and a province of that country. The people of this island while not blessed with nature, as some people, have adapted themselves in a remarkable manner to their environment. In the remarks and discussions consequent upon the address the following took part. Prof. Hubbard, Prof. Osborn Prof. Hine, Prof. Griggs and Mr. Chew.

D. C. Mote and K. H. Chew were proposed for membership, and the names proposed at the previous meeting and mentioned in the minutes, were elected to membership, after which the club adjourned.

ARTHUR H. McCRAY, Secretary.

ORTON HALL, Monday, Dec. 2, 1907.

On the above named date the Biological Club met in its usual place and was called to order by the President. The minutes of the previous meeting were read and, after corrections were made, were approved.

Reports from the meeting of the Ohio Academy of Science held at Oxford, Ohio, were called for. Professors Hine, Osborn and Hubbard gave brief reports, and Mr. Morgulis read two of his own papers presented at the meeting.

The paper of the evening was presented by Mr. C. F. Jackson on "Some Modern Conceptions of Evolution as applied to the Aphididae." First, the definition and position of the family were taken up, followed by notes on life history. This proved most interesting because of the great numbers of these insects which are produced without fertilization.

After the completion of the program, the names proposed at the previous meeting were elected to membership. The following new names were proposed for membership: V. L. Wildermuth, T. H. Parks, R. E. Hundertmark, H. Barber, E. J. Hoddy, M. Denny, M. E. Corotis, B. Anson. The Club then adjourned to meet in four weeks.

ARTHUR H. McCRAY, Secretary.

ORTON HALL, Monday, Jan. 6, 1908.

On the above named date the Biological Club met in its usual place, and the minutes of the previous meeting were read and approved. On account of the Secretary asking for an expression from the Club as to whether the minutes should include a brief review of papers presented at the meetings, Prof. Hine made a motion, which was carried, that the minutes include reports of those papers not published in the NATURALIST.

The paper of the evening was presented by Mr. Sergius Morgulis on "Regeneration: Facts and Reflections." Regeneration may be regarded as one of the fundamental properties of living matter. Nails, hairs, nerve fibers and nerve tissue may be replaced, while in lower organisms, as in salamanders, gills, jaws, eyes, and limbs, can be regenerated.

After this paper reports were given of the Chicago meeting of the American Association for the Advancement of Science. The following reported: Professors J. C. Hambleton, W. R. Lazenby, Osborn, Dacknowski, Detmers. Miss Katybel Hyde and D. M. Segovin, as well as those proposed at the previous meeting, were elected to membership. The club then adjourned.

ARTHUR H. MCCRAY, *Secretary*.

ORTON HALL, Monday, Feb. 3, 1908.

The Biological Club on the above named date, met in Orton Hall as usual, and the minutes of the previous meeting were read and approved. The name of Miss Emily Hollister was proposed for membership.

Prof. Landacre gave an excellent report of the neurological papers presented at the Chicago Meeting of the A. A. A. S.

The paper of the evening was presented by Dr. Hubbard on "Drainage Modifications near Lakeville, Ohio." A series of stream modifications has taken place here which seems to be most plausibly explained by attributing it to glacial action.

In reports of personal observations, McCray mentioned observing last fall an unusual number of honey bees working on red clover. Prof. Hine reported the securing for the department of Zoology a Black-Backed Gull, perhaps about the second authentic record of this bird for Ohio. R. J. Sim reported that a specimen of Brunnich's Murre was taken in Ashtabula County, Ohio, during the holiday vacation. This is the second recorded occurrence of this bird for the State.

The Club adjourned to meet in four weeks.

ARTHUR H. MCCRAY, *Secretary*.
